



033004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Lei Shao

Title: MULTIPLE ANTENNA SYSTEMS AND METHODS USING HIGH-THROUGHPUT SPACE-FREQUENCY BLOCK CODES

Attorney Docket No.: 884.B52US1

Customer No.: 21186

PATENT APPLICATION TRANSMITTAL**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

- Return postcard.
- Utility Patent Application under 37 CFR 1.53(b) comprising:
- Specification (29 pgs, including claims numbered 1 through 42 and a 1 page Abstract).
 - Informal Drawing(s) (6 sheets).
 - Unsigned Combined Declaration and Power of Attorney (3 pgs).

 15535 U.S.PTO
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The filing fee (NOT ENCLOSED) will be calculated as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	42-20	22	x 18.00 =	\$396.00
INDEPENDENT CLAIMS	7-3	4	x 86.00 =	\$344.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED				\$0.00
BASIC FEE				\$770.00
TOTAL				\$1510.00

THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

 By: Ann M. McCrackin
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 Reg. No. 42,858
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